

03500.017376.

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

MASAHIKO KUBOTA ET AL.

Application No.: 10/615,305

Filed: July 9, 2003

For: METHOD OF MANUFACTURING)  
MICROSTRUCTURE, METHOD :  
OF MANUFACTURING LIQUID )  
DISCHARGE HEAD, AND :  
LIQUID DISCHARGE HEAD )

)  
: Examiner: Not Yet Assigned

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: Group Art Unit: Not Yet Assigned

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)  
: August 5, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

For the concise explanation of relevance for the non-English documents, the Examiner is referred to the English Abstracts for each of them. Applicants also note that JP 6-45242 corresponds with U.S. Patent No. 4,657,631; JP 3143307 corresponds with U.S. Patent No. 5,478,606; JP 10291317 corresponds with U.S. Patent No. 6,158,843; JP 60161973 corresponds with U.S. Patent No. 4,565,859; and JP 4-216952 corresponds with U.S. Patent No. 5,331,344.

The Examiner's attention is also directed to the following U.S. Applications:

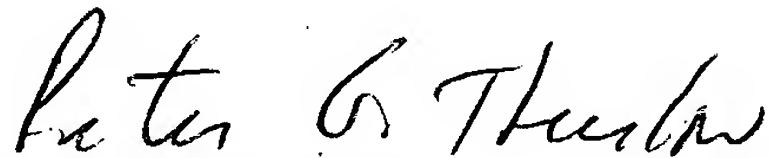
<u>APPLICATION NO.</u>	<u>FILING DATE</u>	<u>GROUP ART UNIT</u>
10/615,289	7/9/03	N.Y.A.
10/615,302	7/9/03	N.Y.A.

A copy of each cited Application is enclosed.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
\_\_\_\_\_  
Attorney for Applicants

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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO. <b>03500.017376.</b>		APPLICATION NO. <b>10/615,305</b>	
<div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; border-radius: 50%; text-align: center; font-size: 10px;">             O I P E              AUG 06 2003              PATENT &amp; TRADEMARK OFFICE           </div>				APPLICANT <b>MASAHIKO KUBOTA ET AL.</b>			
				FILING DATE <b>July 9, 2003</b>		GROUP <b>NYA</b>	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,657,631	04/14/87	Noguchi	156	655	
		5,331,344	07/19/94	Miyagawa et al.	347	63	
		5,478,606	12/26/95	Ohkuma et al.	427	555	
		6,158,843	12/12/00	Murthy et al.	347	47	
		4,565,859	01/21/86	Murai et al.	528	365	
		6,158,843	12/12/00	Murthy et al.	347	47	
		4,882,595	12/21/89	Trueba et al.	346	140 R	
		6,179,413 B1	01/30/01	Coulman et al.	347	63	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	JP	64-9216		Japan			Abstract
	JP	2000/326515		Japan			Abstract
	JP	6-45242		Japan			Abstract & U.S. Patent No. 4,657,631
	JP	2-140219		Japan			Abstract
	JP	4-216952		Japan			Abstract & U.S. Patent No. 5,331,344
	JP	3143307		Japan			Abstract & U.S. Patent No. 5,478,606
	JP	10-291317		Japan			Abstract & U.S. Patent No. 6,158,843
	JP	63-221121		Japan			Abstract
	JP	60-161973		Japan			Abstract & U.S. Patent 4,565,859
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		<b>Journal of Polymer Science "Fourth International Symposium on Cationic Polymerization", pp 383-395, (1976).</b>					
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.